

19980531.qrp v01_n108.qrs.980531

Date: Sun, 31 May 1998 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1108

QRP-L Digest 1108

Topics covered in this issue include:

- 1) [12069] Re: QRPp
by "David D. Meacham" <ddm@datatamers.com>
- 2) [12070] RE: Six meter antennas
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 3) [12071] RE: B&W 3007
by "Harry Hurst" <hhurst@delaware.infi.net>
- 4) [12072] Re: QRP ANTENNA KITES: SCOTT SLED DESIGN
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 5) [12073] Re: QRPp
by Bob Hightower <ki7mn@dancris.com>
- 6) [12074] B&W Miniductor data
by jfurman@ocs.net (Jeff Furman)
- 7) [12075] Re: B&W 3007
by John Sullllivan <kg0mz@southwind.net>
- 8) [12076] [Fwd: B&W 3007]
by "Hugo W. Catta" <hugo@banet.net>
- 9) [12077] more B&W coil stock data
by jfurman@ocs.net (Jeff Furman)
- 10) [12078] HB: TRW swap & Nicad Lady (long)
by sigcom@juno.com (Stephen M Smith)
- 11) [12079] [Fwd: QRPp]
by Norm Melick <henmel@postoffice.worldnet.att.net>
- 12) [12080] Re: QRPp 'imperfections'!
by mpupeza@csolve.net (Michael Pupeza)
- 13) [12081] Re: B & W 3007 - B & W website
by af852@rgfn.epcc.edu (William R Colbert)
- 14) [12082] Re: QRPp
by Dennis Sheehan <skipper.phx@worldnet.att.net>
- 15) [12083] Re: QRPp
by Dennis Sheehan <skipper.phx@worldnet.att.net>
- 16) [12084] Re: QRPp
by Dennis Sheehan <skipper.phx@worldnet.att.net>
- 17) [12085] Ten Tec 208 filter-info??
by Lisa Osier <osier@northnet.org>
- 18) [12086] RE: LDG QRP Automatic Antenna Tuner (summary - opinion)
by Conrad <radman@best.com>
- 19) [12087] in defense

- by "chris" <guardian@mvtel.net>
- 20) [12088] QRPp Problems
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 21) [12089] Re: QRPp
by w2bj@juno.com (Barry J Minsky)
- 22) [12090] The NorCal Philosophy
by Jerry Parker <jparker@fix.net>
- 23) [12091] NorCal 40A help
by MSU1972@aol.com
- 24) [12092] LDG Tuner chasis available
by "Kelly Ellison" <kelman@dialnet.net>
- 25) [12093] Schematic for Gonset converter
by Bob Liesenfeld <wb0poq@visi.com>
- 26) [12094] 38S help
by Wayne Alexander <walexander@wwn.net>
- 27) [12095] QRP with classic 6M HB
by MNHopkins@aol.com
- 28) [12096] Re: QRPp Problems
by "Vincent Ferme" <vferme@sprint.ca>
- 29) [12097] Re: Lens Material
by "Harley L. Miller" <hmliller@sound.net>
- 30) [12098] Re: 38S help
by w2bj@juno.com (Barry J Minsky)
- 31) [12099] Amidon Assortment Kits
by Tracy@bytemark.com (Tracy)
- 32) [12100] Re: B&W 3007
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 33) [12101] TAContest
by "Ron Polityka" <wb3aal@talon.net>
- 34) [12102] RE: SOLAR: recommendations, panels & control
by Chuck Carpenter <w5usj@webwide.net>
- 35) [12103] TenTec 1320, 20m version
by Rafael Garcia <rgarcia@tie.ea4rj.ampr.org>
- 36) [12104] FS/Trade 40 Metre OHR 100A
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 37) [12105] RE: 50 mHz wide open for QRP NOW !
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 38) [12106] SOLAR: THANK YOU!!
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 39) [12107] Re:QRPp
by Bruce Rattray <rattray@gpfn.sk.ca>
- 40) [12108] 40m dx on 2 watts!! WOW....
by w0yse@juno.com (Neil Klagge)
- 41) [12109] DX CALLS/QSL
by ARDUJENSKI@aol.com
- 42) [12110] DJ-S11 antenna mod?
by jim nestor <nestoji@home.com>
- 43) [12111] CW *test*

- by Steven Weber <kd1jv@moose.ncia.net>
- 44) [12112] Audio/intercom wiring???
- by "Steve Galchutt" <n0tu@webaccess.net>
- 45) [12113] Call Signs
- by Jeff Johnson <jeff@dcsoftware.com>
- 46) [12114] Re: Call Signs
- by "George T. Baker" <w5yr@swbell.net>
- 47) [12115] Re: Amidon Assortment Kits
- by "Hugo W. Catta" <hugo@banet.net>
- 48) [12116] "George T. Baker" <w5yr@swbell.net>: Re: Call Signs
- by wd3p@juno.com (Larry Cahoon)
- 49) [12117] Re: Call Signs
- by "Gary E. Meyers" <gmeyers@dialnet.net>
- 50) [12118] Re: Call Signs
- by "Don McKechnie" <donmck@erinet.com>
- 51) [12119] International Callsigns
- by "KA5T Larry Wise" <lewise@inetport.com>
- 52) [12120] Re: Audio/intercom wiring???
- by kt3a@juno.com (Cameron C.R. Bailey)
- 53) [12121] Re: B&W 3007
- by "Benjamin F. Poinsett" <benmail@erols.com>
- 54) [12122] Roy Lewallen's e-mail adr?
- by wb8ygg@juno.com (Bradley S. Mitchell)
- 55) [12123] Coax dipole questions
- by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 56) [12124] FS: TT 252G Power Supply \$65. shipped
- by "Bill NT1R" <wlegge1@maine.rr.com>
- 57) [12125] Re: Roy Lewallen's e-mail adr?
- by Chris Trask <ctrask@primenet.com>
- 58) [12126] Re: Coax dipole questions
- by "Robert Roach" <KE4QOK@worldnet.att.net>
- 59) [12127] HW-8 & Pwrsup
- by "Earl S. Mead" <k6esmead@pacbell.net>
- 60) [12128] Re: Coax dipole questions
- by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 61) [12129] Re: Call Signs
- by Bruce Muscolino <w6toy@erols.com>

Date: Sat, 30 May 1998 16:54:28 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: Dennis Sheehan <skipper.phx@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12069] Re: QRPp
Message-ID: <Pine.LNX.3.91.980530165305.9833F-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dennis,
That sure doesn't sound like Jim! Did you get your cancelled check back?
Maybe he never received it!
72, Dave, W6EMD, NorCal #339

Date: Sat, 30 May 1998 19:28:45 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcasa.cu>
To: <qrp-1@Lehigh.EDU>
Subject: [12070] RE: Six meter antennas
Message-ID: <01bd8c1a\$4eeaf020\$LocalHost@luis>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To all those asking about my six meter antennas... Today I used a very simple wire antenna... costs practically nothing, hangs from existing mast, tower or tree... provides some useful gain, and, of course when 6 is open, it works very well + the fact that it is good for local contacts too. Have tested it horizontal, vertical and in between both with good results... Will probably publish it soon on one of the radio magazines !
Arnie Coro C02KK

P.S. Six was still open at 2300 UTC here, using 5 watts and a straight key I made several contacts around 50.125 kHz call frequency

Date: Sat, 30 May 1998 20:18:47 -0400
From: "Harry Hurst" <hhurst@delaware.infi.net>
To: <qrp-1@Lehigh.EDU>
Subject: [12071] RE: B&W 3007
Message-ID: <199805310010.UAA18167@fh101.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Barker & Williamson is still around, and they have a web site that's not easy to find (I lost the URL). Coil stock is still available, but the prices are breathtaking.

Amateur Radio - WA3PTG
QRP-L #1464
Wilmington DE

Date: Sun, 31 May 1998 00:35:49 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: Chris Cartwright <ccart@dns.vidtel.com>, qrp-1@Lehigh.EDU
Subject: [12072] Re: QRP ANTENNA KITES: SCOTT SLED DESIGN
Message-ID: <19980531003549.SVYG22850@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HI CHRIS... YOUR FAX ISN'T ANSWERING... SO HERE'S THE STORY.
THE WIDTH OF THE "v" IS 40", AND NO, IT DOESN'T PARALLEL THE
SIDES. ALL ELSE IS CORRECT. THE "PAIR" WILL BE ONE ON EACH END
OF A 160M HALF-SQUARE... OR MAYBE EVEN A BOBTAIL CURTAIN WHICH
WILL REQUIRE PERHAPS THREE. BTW, "STACKING" GOT ME UP OVER 1000'
ONE SUNNY SUNDAY IN '97, FLYING THE TOP ONE FROM 250' BELOW THE
BOTTOM ONE ON 600' OF 40# LINE. ILLEGAL, BUT HAD TO TRY IT.
72 -S-

.....
At 04:54 PM 5/30/98 -0400, you wrote:
>On Sat, 30 May 1998, SEAB&SHARON LYON wrote:
>
>> >This is the SCOTT SLED design used at AA1MY. It will be used in pairs
><snip>
>> >I'll fax a sketch to you if you have a FAX #. Crude one here you
>
>Seab,
>
>I assume the dimensions are in inches, and that this is basically a big,
>flat, semi-hexagon, with a triangular hole in the bottom. How wide is
>the top of the V? Or does it just parallel the angle of the sides? If
>I'm too far off the fax # is 301-990-0730 :)
>
>Oh, safe to assume that the pair are stacked and not parallel?
>
>tnx es 72
>
>-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --

>-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
>-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
>
>
>
Seab Lyon, AA1MY, Beacon, NY, USA
ARRL; QCWA; ACRI# 9253; QRP-L#574;
NEQRP# 511; Pres., C.A.R.A.:
<http://www.danbury.org/org/cara/>

Date: Sat, 30 May 1998 17:36:56 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: skipper.phx@worldnet.att.net
Cc: qrp-l@Lehigh.EDU
Subject: [12073] Re: QRPp
Message-ID: <199805310036.RAA12922@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:39 AM 5/30/98 -0700, you wrote:

>I sent several messages to Jim Cates asking him
>what happened to my subscription. I guess I sent about 6 or 7
>messages. He finally replied that he was much too busy. That he would
>get back to me when he had some time and for me to stop bothering him.

This sure doesn't sound like Jim. I've dealt with him and Norcal many times,
and never, never received anything like this.

>So, to answer your question Yes, this
>is typical of NORCAL. Good luck.
>

If this is 'typical' of Norcal, you must have had many dealings with them
(i.e., Jim) that ended this way. If so, I'd be interested in seeing copies
of them. The proof is in the pudding, as they say.

72,73

Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30
<http://www.dancris.com/~ki7mn>

Date: Sat, 30 May 1998 17:46:05 -0700 (PDT)

From: jfurman@ocs.net (Jeff Furman)
To: qrp-1@Lehigh.EDU
Subject: [12074] B&W Miniductor data
Message-ID: <m0yfwGD-000BmuC@ocs.net>

My 1970 Lafayette Radio catalog has this B&W Miniductor data:

type tpi dia

3001	4	1/2
3002	8	1/2
3003	16	1/2
3004	32	1/2
3005	4	5/8
3006	8	5/8
3007	16	5/8
3008	32	5/8
3009	4	3/4
3010	8	3/4
3011	16	3/4
3012	32	3/4
3013	4	1
3014	8	1
3015	16	1
3016	32	1

air wound, polystyrene insulation
supplied as 2" lengths except 1" dia is 3" long.

Date: Sat, 30 May 1998 19:44:04 -0500
From: John Sulllivan <kg0mz@southwind.net>
To: hhurst@delaware.infi.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [12075] Re: B&W 3007
Message-ID: <3570A7D4.7ADA54A6@southwind.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try:

<http://www.bwantennas.com/index.html>

I suppose BW would argue high quality is the justification for the price. Might be a good idea to peek at the prices so you will know a bargain when you see one at the fests.

72 de kg0mz

Harry Hurst wrote:

>
> Barker & Williamson is still around, and they have a web site that's not
> easy to find (I lost the URL). Coil stock is still available, but the
> prices are breathtaking.
> -----
> Amateur Radio - WA3PTG
> QRP-L #1464
> Wilmington DE

Date: Sat, 30 May 1998 20:56:55 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12076] [Fwd: B&W 3007]
Message-ID: <3570AAD7.DEAC5D1D@banet.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----A85E91869807BD75B0CA0AA6"

This is a multi-part message in MIME format.

-----A85E91869807BD75B0CA0AA6
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

-----A85E91869807BD75B0CA0AA6
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Received: from mtiwmhc01.worldnet.att.net [204.127.131.36] by in4.ibm.net id
896573885.94254-1 ; Sun, 31 May 1998 00:18:05 +0000

Received: from 6x86 ([12.66.97.76]) by mtiwmhc01.worldnet.att.net
(InterMail v03.02.03 118 118 102) with ESMTP
id <19980531001803.SNIL22850@6x86> for <hugo@banet.net>;
Sun, 31 May 1998 00:18:03 +0000

Reply-To: <w0clr@worldnet.att.net>
From: "Jerry Gorrell" <w0clr@worldnet.att.net>
To: <hugo@banet.net>
Subject: Re: B&W 3007
Date: Sat, 30 May 1998 19:15:23 -0500
X-MSMail-Priority: Normal
X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1160
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-Id: <19980531001803.SNIL22850@6x86>

Hugo,

I can't find the original message, so do not know who needs the coil stock.

I have a red B&W box labeled 3007. The coil inside is 1 7/8" long, 3/4" diameter, and 17 or 18 TPI.

If the person needing it does not find a source, I could part with mine.

Thanks - de Jerry

-----A85E91869807BD75B0CA0AA6--

Date: Sat, 30 May 1998 18:00:36 -0700 (PDT)
From: jfurman@ocs.net (Jeff Furman)
To: qrp-1@Lehigh.EDU
Subject: [12077] more B&W coil stock data
Message-ID: <m0yfwUG-000BmuC@ocs.net>

the '64 Newark catalog has more than Lafayette:

type tpi dia

3017 4 1-1/4

3018 8 1-1/4

3019 16 1-1/4

3020 32 1-1/4

3021 4 1-3/4

3022 8 1-3/4

3023 16 1-3/4

3024 32 1-3/4

supplied in 4" lengths

3900 8 2

3905-1 6 2-1/2

3906-1 8 2-1/2

3907-1 10 2

supplied in 10" lengths.

Jeff KD6MNP

Date: Sat, 30 May 1998 20:58:35 EDT
From: sigcom@juno.com (Stephen M Smith)
To: qrp-1@Lehigh.EDU
Subject: [12078] HB: TRW swap & Nicad Lady (long)
Message-ID: <19980530.091128.8159.0.sigcom@juno.com>

Group,

Couldn't drag myself out of bed early enough today to load the truck with junk to sell at the swap meet, but Mike, WA6MER and I went and bought stuff anyway. The weather was terrific--warm, clear, and almost no smog. There was a good crowd and plenty of junk to paw through. Good therapy for both of us :-).

Didn't see much in the way of QRP gear this month. The only thing I mentally noted was a clean Ten Tec Argosy with matching PS for \$250. Don't know if that's a fair price or not. Did see lots of antenna tuners and stuff to build tuners with at very reasonable prices. Lots of GB stuff too, but that's for another list :-). If you are in the Los Angeles area on the last Saturday of the month, this is a must visit ham event, IMO (especially for homebrewers).

Someone here on the list (or maybe it was on VSS) recently asked about where to obtain replacement nicad inserts for a Tempo S-1 but I don't remember who it was, so the following is info for everyone. I stopped by "the battery lady" booth and picked up a business card:

The NiCad Lady
17052 Alameda Drive
Gavilan Hills, CA 92570-8846
Voice phone (909) 789-0830
FAX (909) 789-4895
<www.ggfx.com/nicad>
e-mail:<nicdlady@deltanet.com>
Contact Jeff Lloyd, N6FRW, sales manager.

Nice folks to deal with, good prices. Usual disclaimer, just a satisfied customer, yada yada.

I wasn't really shopping for one, but for \$15.00 I bought a Tektronix 5110 'scope main frame with a 10 MHz time base and no other plug ins (Can someone tell me the maximum bandwidth of this frame or direct me to where I can find the information on the web?). It was sitting on the ground along side of another one without any plug ins for the same

price. Mike asked the guy selling it if worked and he said that the guy he got 'em from said they worked. I thought to myself "Man, 15 bucks. The CRT or power supply must be croaked. Well, I won't get hurt too bad if it's broken and if I can't fix it, I can probably re-sell it for the same amount next month." I thought that the guy had an honest face (P.T. Barnum is laughing hysterically) so I bought it. We dragged it over to Mike's house, plugged in a verticle amp from his 'scope, held our breath..... it works just fine. Now I'm sorry I didn't pick up the other one :-). So now I have a nice 'scope, better than any other I've owned and even after I pick up a vertical plug in and some probes, I probably won't have more than \$50.00 invested. Even if I jazz it up with faster plug ins, it probably won't reach \$90.00. You know, this is amazing. This 'scope is one that I could only dream of owning 20 years ago, and now I buy one for \$15. New hams on a budget, take note. There is some really nice stuff showing up on the surplus market.

73.....Steve, WB6TNL Oxnard, CA QRP-L #621 Zombie #2065 ex-WN6TNL (1967)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 May 1998 18:12:42 -0700
From: Norm Melick <henmel@postoffice.worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [12079] [Fwd: QRPp]
Message-ID: <3570AE8A.6C9C4789@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----187CF8582A467D521F3516C2"

This is a multi-part message in MIME format.
-----187CF8582A467D521F3516C2
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

-----187CF8582A467D521F3516C2
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Message-ID: <357094FB.FAF41ACE@postoffice.worldnet.att.net>
Date: Sat, 30 May 1998 16:23:39 -0700

From: Norm Melick <henmel@postoffice.worldnet.att.net>
X-Mailer: Mozilla 4.05 [en]C-DIAL (Win95; U)
MIME-Version: 1.0
To: skipper.phx@worldnet.att.net
Subject: Re: QRPP
References: <35704463.6F3DC1E1@worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dennis Sheehan wrote:

>
> Henry

<SNIP>

> He finally replied that he was much too busy. That he would
> get back to me when he had some time and for me to stop bothering him.

<SNIP>

I'll pay you twenty (\$20.00) dollars for a copy of a legitimate
message from Mr. Cates telling you to stop bothering him.

Norm Melick

-----187CF8582A467D521F3516C2--

Date: Sat, 30 May 1998 21:16:18 -0400
From: mpupeza@csolve.net (Michael Pupeza)
To: qrp-l@Lehigh.EDU
Subject: [12080] Re: QRPP 'imperfections'!
Message-ID: <v01510100b1965b3b0ed1@[207.61.168.138]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys;

I know that the QRPP magazine, and the submitters, mailers, etc., are doing
their work on a Volunteer Basis, AND I would not want their
responsibilities!

They do a GOOD job! Not a GREAT job!
Let's lessen our demands and expectations!

I've been, sort of, a member for a bunch of years, and about once or twice a year something goes wrong!

Examples - I renewed a subscription as QRP# 1652 one year, BUT was assigned a new number #1684 and started to receive 2 copies of QRPP. I mentioned this on E-mail, and was assured that this would be corrected! It was, sort of! But I then missed a copy, complained, and also renewed for another year! They, apparently, misplaced recording my previous cheque!

This is what I have for the last couple of years.

Mar 96 - 1 copy
Jun 96 - 2 copies
Sep 96 - 2 copies
Winter 96 - 0 copy
Spring 97 - 2 copies
Summer 97 - 0 copy
Fall 97 - 0 copy
Winter 97 - 1 copy
Spring 98 - 1 copy

If anyone wants to swap my missing - for my dupes - let me know!

It IS a non-profit organization, with unpaid volunteers, at ONLY \$15 a year, so no big deal. Forget about the problems, and let the water roll off your duck's back! Anything you get is a bonus, and there is a lot of redundancy - QRPI usually covers a lot of the same ground.

By the way - I have, in the past, ordered the Cascade Kit, and the Keyer Paddle, Kit, and they have been PERFECT! Jim Cates DOES a good job - there just may be too much of it, sometimes!

72, es 73...>

Michael Pupeza VE3EQP
283 Peek-a-Boo Trail RR# 2
Penetanguishene, Ont.
Canada L9M 1R2

mpupeza@csolve.net
(705) 549-3220

Date: Sat, 30 May 1998 19:35:06 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-1@Lehigh.EDU

Subject: [12081] Re: B & W 3007 - B & W website
Message-ID: <199805310135.TAA20867@rgfn.epcc.edu>

The B & W site has a full listing of coils, antennas, accessories
at: <http://www.bwantennas.com/index.htm>

If you can determine the inductance, in past years the Handbooks,
Hints & Kinks, and various other amateur publications have had
info on using such items as pill bottles, rg8 center insulation,
and other types of low loss forms for construction of coils.

Hope this info helps.

73 Ray

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Sat, 30 May 1998 18:56:26 -0700
From: Dennis Sheehan <skipper.phx@worldnet.att.net>
To: "David D. Meacham" <ddm@datatamers.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [12082] Re: QRPP
Message-ID: <3570B8CA.8DB22CC0@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Everyone I've received an email from says the same thing. It's possible
I caught him on a bad day. I've never met the man and I don't know him
personally. But, what I've said was true. After receiving the nasty
gram I stopped pursuing the matter--it was only \$15. The sad thing was
I was really excited about becoming a NORCAL member and participating in
the projects.

Dennis

David D. Meacham wrote:

>
> Dennis,
> That sure doesn't sound like Jim! Did you get your cancelled check back?
> Maybe he never received it!

> 72, Dave, W6EMD, NorCal #339

Date: Sat, 30 May 1998 18:57:10 -0700
From: Dennis Sheehan <skipper.phx@worldnet.att.net>
To: ddm@datatamers.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [12083] Re: QRPp
Message-ID: <3570B8F6.F6B578B6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes I have the cancelled check.

David D. Meacham wrote:

>
> Dennis,
> That sure doesn't sound like Jim! Did you get your cancelled check back?
> Maybe he never received it!
> 72, Dave, W6EMD, NorCal #339

Date: Sat, 30 May 1998 18:58:45 -0700
From: Dennis Sheehan <skipper.phx@worldnet.att.net>
To: Bob Hightower <ki7mn@dancris.com>
Cc: qrp-1@Lehigh.EDU
Subject: [12084] Re: QRPp
Message-ID: <3570B955.44BDD563@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ya, that's what everyone who is sending me an email says too. It's possible I caught him on a bad day.

Bob Hightower wrote:

>
> At 10:39 AM 5/30/98 -0700, you wrote:
> >I sent several messages to Jim Cates asking him
> >what happened to my subscription. I guess I sent about 6 or 7
> >messages. He finally replied that he was much too busy. That he would
> >get back to me when he had some time and for me to stop bothering him.
>

> This sure doesn't sound like Jim. I've dealt with him and Norcal many times,
> and never, never received anything like this.
>
> >So, to answer your question Yes, this
> >is typical of NORCAL. Good luck.
> >
>
> If this is 'typical' of Norcal, you must have had many dealings with them
> (i.e., Jim) that ended this way. If so, I'd be interested in seeing copies
> of them. The proof is in the pudding, as they say.
> 72,73
> Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30
> <http://www.dancris.com/~ki7mn>

Date: Sat, 30 May 1998 09:02:21 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-l@Lehigh.EDU
Cc: osier@northnet.org
Subject: [12085] Ten Tec 208 filter-info??
Message-ID: <35702D8D.432E@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Gang!!!

Im looking for documentation (or any info) on the Ten Tec
model 208 CW filter. Info such as specs and price on the used market.
Many tnx from:

George Osier N2JNZ
73/72s

Date: Sat, 30 May 1998 19:03:34 -0700
From: Conrad <radman@best.com>
To: "'n8qxb@harborcom.net'" <n8qxb@harborcom.net>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>
Subject: [12086] RE: LDG QRP Automatic Antenna Tuner (summary - opinion)
Message-ID: <01BD8BFE.867DFE40.radman@best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I built the LDG QRP antenna tuner a couple of months ago.

It's a very clever design! Big Motorola uP (MC-68HC11) running an LC algorithm, controls 17 mini-SPDT relays resulting in $2^{17} = 131,000$ possible combinations of inductor and capacitor values. The uP runs the algorithm on a common dipole in less than 1.4 seconds and yields an SWR of less than 1.5:1 according to my tests. You can tweak the SWR further with the momentary toggle switches for "I" and "C."

A set of four LEDs show your SWR values. My unit draws an average of 45 ma @ nominal 12VDC for "normal" antennas. It uses non-latching relays hence the standby current. The standby current is a variable dependent on how many of the relays the uP must energize (and hold) for each frequency/antenna scenario. Your standby current could be as little as 30 ma or as high as ~170 ma if all relays are energized. Generally, a perfect dipole will yield closer to the 30 ma mark and the classic Schwinn bike frame antenna will be closer to the 200 ma mark I'd venture.

The LDG ATU is a tiny little package: ~ 1.5"H X 6"W X 7"D. Kit with nice (TenTec) enclosure is about \$125. Board only: \$99. The kit is very high quality, a fun build and it certainly performs its job admirably from all I've seen. I've used it with my OHR-100A into a variety of feedline and antenna combos. In fairness, my schedule has been so hectic that I haven't had the time to thrash the LDG through extensive field tests though.

Anecdotally, it's quite a funny sensation to push the LDG "TUNE" button for the first time and listen to those 17 relays all firing at once seeking the best match. I literally jumped out of my chair the first time I fired it! But the chatter-burst only lasts for a bit over a second and then you're good to go. My SWR tests with both Daiwa analog and digital SWR meters confirm that the LDG ATU really works. And I've logged plenty of 40 meter QSOs with it from the home QTH.

Summary and opinions: I would imagine the standby current and price are deterrents for some QRPers. For the backpacker with his/her 40 Meter "SST" and gel cell I doubt this is the right product ;) And for the ham with a pair of 365 pF air variable caps and a tapped coil it's very easy to roll your own manual tuner for a fraction of the cost - I've done that as well. Yet, for ease of use and tuning speed the LDG does a brilliant job. I'm using it as my primary QRP tuner in the shack. I really like it. I'd be

curious to hear field reports and experiences from other LDG users. Anyone with contest/FD experiences?

72 - Conrad Weiss - NN6CW

-----Original Message-----

From: Thomas Fink [SMTP:n8qxb@harborcom.net]
Sent: Saturday, May 30, 1998 12:32 PM
To: Low Power Amateur Radio Discussion
Subject: LDG QRP Automatic Antenna Tuner

NEED ADVICE!

I'm thinking about buying the LDG Electronics QRP Automatic Antenna Tuner.

Does anyone have any information,(positive or otherwise) on this tuner or it's big brother, the AT-11. I would greatly appreciate any information.

Tnx's

Tom
n8qxb@harborcom.net

Date: Sat, 30 May 1998 21:06:51 -0500
From: "chris" <guardian@mvtel.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>, <skipper.phx@worldnet.att.net>
Subject: [12087] in defense
Message-ID: <002201bd8c39\$1f29cea0\$23a48ed1@mvd00278.nortexinfo.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

to whom it may concern

I recently renewed my membership to NOR-CAL , however in the flurry of my cubscouting and ham radio I missed the deadline (which was posted on the net and the list) to receive the spring QRPP.

I sent Jim a short e-mail giving my poor excuse, and within a few days he replied. his message said that I had not met the deadline but he thought the printer would have a few extras, and that he would send me one

and it would not count against my subscription. about a month later I received my copy by 1st class mail..so this is my story and I'm stickin' to it.

thank you Jim for going above and beyond the call of QRPP duty.

chris

Date: Sat, 30 May 1998 20:25:14 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [12088] QRPP Problems
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

NorCal is a volunteer organization and Jim Cates, Paul Harden and I do = all of the work when it comes to QRPP. We get lots of help on the = projects, but the three of us do the work on QRPP. I edit and prepare = it, except for the part tha Paul does, which is the cover and his Qrp = Hints and Kinks column, Jim takes care of the subscriptions and the = correspondance. In the fall of 1997 we had a computer disk crash and we = lost information on about 100 people. We have made good on every one = that we have been notified of, and will continue to do so. In no case = did we ask to see a copy of any one's check. If they contacted us about = a problem, we took them at their word and took care of it in the = following way. We sent them the issues that they missed and we extended = their subscription for 4 more issues. In one case a gentleman asked for = a refund, and we promptly sent it to him. Guys think about it. If we = lost the information, how are we to know who to contact if we don't have = the names? We have had to wait until they notified us, and in every = case, we have believed them.

Dennis Sheehan has posted to the net that he sent a check to us in 1996, = and I looked up his name in the database and see no record of his name. = Tell you what Dennis, send me your address and I will send you back = issues for all of 1996, 1997 and a copy of the spring issue of 1998, = plus extend your subscription for the next 4 issues. All at no = additional charge to you. Or, if you wish, I will send you your \$15 = back. But, I must say that your account does not jive with what I know = of Jim Cates. Jim would never tell anyone to stop bugging him, it is = just not his way.

Roy Marion. When you ordered the extra bearings, you should have = ordered them from San Luis Machine Company, at least that is what the =

manual told you to do. NorCal was not selling and has not ever sold =
extra bearings. That was done through San Luis Machine. Are you sure =
that you ordered them from NorCal? Please check your canceled check. =
If it was made out to NorCal or Jim Cates, please let us know. If you =
did, it was a mistake, as we were not selling them. But again, if you =
will send me your mailing address I will send you 4 bearings, at no =
charge, and I will send them via priority mail.

Henry Freedenburg. I got your mailing address last night via email, and =
a copy of the Spring issue will be sent to you Monday. You obviously =
slipped through the cracks, and I apologize for my mistake. To make =
things right, you will not be charged for the spring issue against your =
subscription and you will receive the next 4 issues in addition to the =
sprint issue. Thank you for your patience.

Larry B., AC5EZ. Larry, you did not send your subscription in time to =
receive the Spring issue. To receive the spring issue you would have =
had to have your subscription in Jim's hand by March 15th. We have to =
tell Paul how many issues to print before he does the press run, and we =
usually only do about 25 extra for mistakes and missed members. Those =
do not last very long. You will start your subscription with the next =
issue.

To the list. I apologize for doing this publicly, but I am afraid that =
there are misconceptions about how we do things at NorCal. I wanted to =
show that we do care about our members, that we do make mistakes, but we =
will make things right. We are not out to cheat anyone, we have never =
knowingly cheated anyone out of a dime, and we will do whatever it takes =
to make things right. But, please realize that both Jim and I are =
extremely busy, we have over 2000 subscribers, and the problems that do =
crop up are not that many. But they are important to you if they =
involve you. If you have a problem with a QRPP subscription, a kit =
order, or whatever, please let us know. If we can do anything in our =
power to correct it, we will. Just today I got a message from a guy =
that he had purchased two 38 Special kits from an estate and that both =
of them had the bad crystals in them. We have not sold that kit since =
last October, but guess what, we still have the good crystals, and as =
long as we have them, we will replace them at no charge, even though the =
kit has been resold. The point is that we made a mistake, and we will =
make it right if we can.

72, Doug, KI6DS

Date: Sat, 30 May 1998 22:25:46 -0400
From: w2bj@juno.com (Barry J Minsky)
To: skipper.phx@worldnet.att.net
Cc: qrp-l@Lehigh.EDU
Subject: [12089] Re: QRPp
Message-ID: <19980530.223122.14550.0.w2bj@juno.com>

I suggest you give NorCal another chance. Jim is a great guy who spends long hours putting kits together, working on the magazine and doing many other things for the benefit of the club and its members. My concern is that, with all the unwarranted criticism he is receiving, he will become discouraged and quit. Let us give our fellow QRPers the benefit of the doubt and encourage them.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
Knightlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
Club #3723
Amateur Radio Missionary Service

On Sat, 30 May 1998 18:56:26 -0700 Dennis Sheehan

<skipper.phx@worldnet.att.net> writes:

>Everyone I've received an email from says the same thing. It's
>possible

>I caught him on a bad day. I've never met the man and I don't know
>him

>personally. But, what I've said was true. After receiving the nasty
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>in
>the projects.

>Dennis

>

>David D. Meacham wrote:

>>

>> Dennis,

>> That sure doesn't sound like Jim! Did you get your cancelled check
>back?

>> Maybe he never received it!

>> 72, Dave, W6EMD, NorCal #339

>

>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 May 1998 19:54:15 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [12090] The NorCal Philosophy
Message-ID: <2.2.32.19980531025415.0075653c@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well Gang,

you just got a restatement of the NorCal Philosophy from Doug Hendricks KI6DS.

Of course most if not all of you already know the NorCal Philosophy already and are

THANKFUL that the Dougs, Jims and Pauls are part of our QRP community!

The GREATEST part is that QRP'ers in general follow the same philosophy.

They are selfless and give of themselves without question.

Doug, thanks to you and the others for being there! You folks

make our hobby what it is!

Enjoy,,,72,,,Jerry...WA6OWR...K

Yep, you bet I'm a NorCal Zombie and proud of it!

Date: Sat, 30 May 1998 22:44:25 EDT
From: MSU1972@aol.com
To: qrp-l@Lehigh.EDU
Subject: [12091] NorCal 40A help
Message-ID: <93b54634.3570c40a@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I love my NorCal 40A...works great!

However, I have a terribly loud click which occurs on the first character of every letter. It is only on the first character and is extremely loud. Can you help. I looked into this before but was afraid to modify the rig as it was working perfectly (and has since). I now have more guts! Please help it is annoying to the ear...
David, KB8OCC

Date: Sun, 31 May 1998 21:58:30 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [12092] LDG Tuner chasis available
Message-ID: <199805310258.VAA14037@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hey all.

I have a aluminum chassis for an AT-11 LDG tuner. It has the switches and LEDs on the front and holes in the back for the antenna connectors. I upgraded to the "TenTec" look-a-like box when I sent it in for an upgrade. Maybe someone is going to build an AT-11 and needs a box. I Don't expect a lot for it. Maybe trade for a few QRP Quarterlies or something... let me know if you need it.

Thanks,

Kelly Ellison
WB0WQS
QRP-L #702
Aurora, Missouri

Date: Sat, 30 May 1998 22:09:27 -0500
From: Bob Liesenfeld <wb0poq@visi.com>
To: QRP-L reflector <qrp-l@Lehigh.EDU>
Subject: [12093] Schematic for Gonset converter

Message-ID: <3570C9E7.163A29E@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

I'm looking for a copy of the schematic for an old tube type mobile converter that goes ahead of the BC radio. This thing covers 10,20, and 75. Thanks!

--

Genuine E-mail From the Land of the Everlasting Icicle...
Bob Liesenfeld
wb0poq@visi.com

Date: Sat, 30 May 1998 21:27:02 -0500
From: Wayne Alexander <walexander@wwn.net>
To: qrp-l@lehigh.edu
Subject: [12094] 38S help
Message-ID: <3.0.3.32.19980530212702.006b6d6c@pop.wwn.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

I am posting this for a friend. He built his 38S and it will TX but know RX. He has replaced all the Chips which they got fried in one of his testing. He thinks that it could be the crystal or crystals that are bad. Is there a way to by-pass the crystal to see if it will work,probably will be real wide band. If it is the crystal where can he get some more of them. Thanks in advance to all who respond. I will be calling him on the phone to relay the messages.

<paraindent><param>out</param>73

</paraindent>KB0PTE

Wayne

QRP-L #1058

FISTS # 4907

<http://www.wwn.net/walexander>

E-Mail Address: walexander@wwn.net

Date: Sun, 31 May 1998 00:18:30 EDT
From: MNHopkins@aol.com
To: qrp-1@lehigh.edu
Subject: [12095] QRP with classic 6M HB
Message-ID: <2b4d100d.3570da17@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The ancients left quite a legacy, part of which is a half dozen simple 6 (and 2) meter transmitter projects in the vacuum tube style from the ARRL. Any of these is easily operated at 5W or less and the building style, often on 5 X 9 inch metal panels, is a refreshing change from building a Burdiko-Breed-Benson inside a Skoal can for backpacking in Texas or the cancer ward.

"A Simplified Exciter for 50 and 144 mc," ARRL Handbook, 1951, p 407.

Uses 6J6 and an 832 in wide open layout. The 832 is a distinct, short version of the 829 and 5894. All use a special large 6-pin socket.

"Transmitter-Exciters for 50 and 144 mc," ARRL Handbook, 1954, p 403.

12AU7 and 2E26 in the first of many TXs built on the bottom panel of a Bud box.

"A Versatile 50-Mc. Transmitter," Tilton, E. (W1HDQ), QST 1958, October, p. 16.

Easiest to build, perhaps, but abandons the baseplate style of building. It uses a 6U8 and 2E26 or 6146.

"A Complete Two-Band Station for the V.H.F. Beginner," Tilton, E. (W1HDQ), QST, 1961, July, August, September and October.

also published as:

"Efficient Low-Power Transmitters for 50 & 144 MCs," ARRL VHF Handbook, 11th Ed, 1969, p 105.

These are much more sophisticated than the earlier offerings, using butterfly caps and a 6CX8 driving a 6360 but same built-on-a-Bud-baseplate style of construction is used. The circuit is reminiscent of the Tecraft series of VHF TXs. Also described is a set of VHF Nuvistor converters, a 14-18 mc regenerative receiver, a power supply/modulator and a SWR meter. This set up is pictured in the ARRL VHF manual as late as 1972.

"50-Watt Transmitters for 6 and 2," ARRL Handbook, 1969, p 432.

Elaborations on the Tilton 6M rig using 6BA8, 6146 and pair of VR tubes.

These citations are not exhaustive. The same material may have appeared in other editions or collections. Also omitted are the many 6M TXs from CQ and other ham sources plus the electronics hobbyist press. However, after 20 years of study, the compiler has a sporting chance IDing any given piece of 6M gear and may be reached as below.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

Date: Sun, 31 May 1998 00:26:34 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [12096] Re: QRPp Problems
Message-ID: <001601bd8c4c\$4c2d9220\$783167d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NORCAL does a FANTASTIC job!!

A few tips:

1) Always verify where to send the cheque and to whom it should be payable to. When you deal with volunteer groups, you deal with individuals that have offered help with one or more tasks/projects, not necessarily everything.

2) Don't assume the cheque/cash was received, except when you have a cancelled cheque, of course.

3) Try not to have subscriptions that will be up for renewal at year's end or any other busy period or holidays. Read on, you will understand why.

4) Did you really mail in your subscription?, it sounds strange but it happened to me.

After renewing my subscription, or so I thought, and missing one issue I assumed my cheque had not reached Jim. This was in late December and I was to leave on a business trip right after New Years. I mailed another one and

everything was back to normal. A few months later I found the first sealed and stamped envelope inside a book, it had never been mailed.

73 de Vince, VE3VFN.

Date: Sat, 30 May 1998 23:16:55 -0500
From: "Harley L. Miller" <hmliller@sound.net>
To: qrp-l@Lehigh.EDU
Subject: [12097] Re: Lens Material
Message-ID: <3570D9B7.49D8@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A few years back I built a clock from a chip that RS was closing out. I made my own colored lens with some thin lucite colored with Easter Egg dye. Just boil the water, mix in the dye, let set for a while to cool so you don't melt the plastic, then dip the material. The longer you bathe the material, the darker it gets, with limits. I used a red dye to get a good blood red lens. Your color may vary. 8-)

Harley L. Miller hmliller@sound.net
WB0ROQ QRP-L 373

Date: Sun, 31 May 1998 01:10:31 -0400
From: w2bj@juno.com (Barry J Minsky)
To: walexander@wnn.net
Cc: qrp-l@lehigh.edu
Subject: [12098] Re: 38S help
Message-ID: <19980531.011253.16950.1.w2bj@juno.com>

NorCal had a problem with some of the crystals sent with the 38S kits. Check with Jim Cates. His e-mail address is wager@juno.com.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,

Knightlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
Club #3723
Amateur Radio Missionary Service

On Sat, 30 May 1998 21:27:02 -0500 Wayne Alexander <walexander@wwn.net>
writes:

>I am posting this for a friend. He built his 38S and it will TX but
>know RX. He has replaced all the Chips which they got fried in one of
>his testing. He thinks that it could be the crystal or crystals that
>are bad. Is there a way to by-pass the crystal to see if it will
>work,probably will be real wide band. If it is the crystal where can
>he get some more of them. Thanks in advance to all who respond. I will
>be calling him on the phone to relay the messages.

>

><paraindent><param>out</param>73

>

></paraindent>KB0PTE

>

>Wayne

>

>QRP-L #1058

>

>FISTS # 4907

>

><http://www.wwn.net/walexander>

>

>E-Mail Address: walexander@wwn.net

>

>

>

>

>

>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 May 1998 02:53:35 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [12099] Amidon Assortment Kits
Message-ID: <01BD8C3F.A6328940.tracy@bytemark.com>

This is a Request For Comment. Replies to this RFC should be addressed to tracy@bytemark.com, with the subject line RE: Amidon Assortment Kits. (Simply reply to this message.)

Currently, Amidon offers six (6) assortment kits of powdered iron and ferrite cores. Although popular, they scarcely represent the assortments that would seem desirable to the experimenter or project builder.

We would like to expand this line of kits to include more targeted assortments. Do you find yourself ordering the same basic bag of parts when you order toroids or beads? If you have suggestions for logical assortments or specific bundles, please let us know. We will take the most popular suggestions and offer them as new additions to the assortment line.

We would also like to offer kits for specific projects published in various journals. If anyone is willing to compile a comprehensive list of these projects and their required Amidon components, contact tracy@bytemark.com to arrange compensation for your efforts.

We have a history of providing excellent discounts on the various kits and special assortments. The current six assortments generally save 30% to 50% over purchasing the components separately. We expect that we will be able to bring any new assortments into the product line with similar savings.

Any assistance offered in this area will be most appreciated and will benefit the experimenter / builder community as a whole by allowing Amidon, as a long standing provider of inductive components, to more precisely serve your needs.

Thank you in advance for your suggestions,
Tracy Markham, N4LGH
ByteMark Corporation
Amidon Master Distributor
Tracy@bytemark.com

Technical Information at
www.bytemark.com
800 679-3184

Date: Sun, 31 May 1998 05:54:40 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: John Sullllivan <kg@moz@southwind.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12100] Re: B&W 3007
Message-ID: <Pine.GS0.3.96.980531053816.21554A-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 30 May 1998, John Sullllivan wrote:

> Try:
>
> <http://www.bwantennas.com/index.html>
>
> I suppose BW would argue high quality is the justification for the
> price. Might be a good idea to peek at the prices so you will know a
> bargain when you see one at the fests.

The reason that B&W prices are so high for their air-wound stock is that they no longer regularly produce it, and therefore no longer have stock on hand. Their charges now include a "set-up" cost for initiating the equipment and setting it to manufacture the desired stock.

Over the last decade or so, the use of standard stock in the 300x series has diminished below the level at which it made sense for B&W to manufacture inductor material and to stock quantities. Miniaturization has had a lot to do with this decline in demand for the material. (Look in 1960s and 1970s handbooks, for example, and see the number of places where such coil stick is used that would now use toroids or items like the TOKO cans.) Their decision makes good business sense, although it places the home builder at a distinct disadvantage.

How coil-winding equipment works, with provision for embedding the turns into polystyrene rods, is easily imagined--but not necessarily easily implemented. I suspect that the alternative for the building community is for the mechanical minds in the community to develop a home-shop technique that will produce acceptable versions of the many inductor types represented by the 300x series. Whether it would amount to a technique that could become a "cottage industry" in support of home builder needs, I cannot say. However, there remain many applications in which nothing will substitute for a high quality air wound inductor.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	\	----	/\	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX)	(423)	974-3509
37938-4443 USA	/	\	\	\					cebik@utk.edu
QRPARCI 2572	G-QRP	7203	CQC	125	NEQRP	347	NORCAL	1111	MIQRP 1432

NWQRP 401 ARRL Life: Technical & Educational Advisor 10-10 41159
QCWA 13211 scQRP 28 AK/QRP 343 CW Ops QRP Club (VK) 476 FISTS 2600
 http://web.utk.edu/~cebik/radio.html

Date: Sun, 31 May 1998 07:24:40 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [12101] TAContest
Message-ID: <002d01bd8c86\$b70f9540\$245445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ladies, Gentlemen, and all ships at sea,

Don't forget on June 6, the primer for Field Day.
I'm talking about the TAContest.
Dust off the rigs and put down the soldering iron
for a few hours to participate in the first annual
TAContest. See June "QST" or go the EPA club's
page at: http://www.kpsnet.com/wb3aal/Start_Page.htm

There will be some great prizes related to Pennsylvania.
The NJ-QRP Club, our fine neighbors to the east are
donating a "Rainbow Tuner" kit for the winner in the
"TACTical category".

The EPA club is going to sponsor some great prizes too.

Learn the Telephone Area Codes in this one, you already
memorized the ARRL Grid Squares!

So, come on out Bubba, the FYBO is over now! Get ready
for FD.

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
http://www.kpsnet.com/wb3aal/Start_Page.htm
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Sun, 31 May 1998 07:22:32 -0500
From: Chuck Carpenter <w5usj@webwide.net>
To: SSLYON@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [12102] RE: SOLAR: recommendations, panels & control
Message-ID: <3.0.1.32.19980531072232.006ad22c@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Seab,

I have a Kyocera Corp 10W (.61A) solar panel I use for charging my 7Ah gelcells. I connect it to an LM317T adjustable regulator that I connect to the battery through a diode. I'm not using a charge controller at this time and I watch the voltage levels with a DVM so I don't overcharge. The diode helps to keep charge levels under control and keeps the battery from discharging back through the regulator when the sun level gets too low. Also, I have two cells I keep charged during the day because the solar panel doesn't work too well at night 8^)...

<http://www.homepower.com/hp/index.htm>

It would be better to use a charge controller that will automatically regulate gelcell charging. There are circuits in some of the later handbooks to do this -- a future project for me. You can get lots of solar and other alternate energy charging information from sources like Home Power magazine.

<http://www.homepower.com/hp/index.htm>

I also have two 40 W panels but they are too big to carry around portable and are a bit of overkill for QRP requirements. When the sun levels are adequate, I can run my NW20 from the panel through the regulator without a battery. It's not a good thing to do because the output from the panel is not that steady. The battery keeps the voltage at a more constant level acting like it's equivalent circuit of a large charged capacitor.

72/73 -- Chuck, W5USJ, EM22cv

Date: Sat, 30 May 1998 20:25:48 +0200
From: Rafael Garcia <rgarcia@tie.ea4rj.ampr.org>
To: QRP net <qrp-l@lehigh.edu>
Subject: [12103] TenTec 1320, 20m version
Message-ID: <35704F2C.5F7FDFDA@ea4rj.ampr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

I would like to know from others who has built this model, especially the 20m version. I have had problems in Tx, jumping the transmit frequency randomly around 50-60Hz from the main carrier.

I solved adding an electrolytic cap (C1) in the T-R circuit which should not be installed on this version, according to the addendum that it came with the assembly manual. The Tx "jump" effect has dissapeared, but it has increased the decay when the key it is released.

Any suggestion is welcomed

Regards,

--
Rafael Garcia, EA4RJ
Lab Aerodinamica, ETSIA
Univ. Politecnica de Madrid

Date: Sun, 31 May 1998 09:06:58 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@lehigh.edu>, ">MN/QRP Reflector" <mnqrp@qth.net>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [12104] FS/Trade 40 Metre OHR 100A
Message-ID: <199805310910_MC2-3EA0-C59@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Have FS/Trade a fully assembled OHR-100A for 40 Metres. Outstanding rig, looks and works perfectly, terrific QSK, compact size. Legendary OHR quality and durability. Power is adjustable 0-5 watts via rear panel. Complete with manual and all documentation.

Great rig for FD, Bumblebee, QRPTTF, FOXhunts--you name it :-). A great DXer here at K0EVZ. Why sell?--have two for 40 Metres.

Only \$115.00 shipped CONUS. Or will trade for OHR 100a for 20 Metres. Any takers?

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Sun, 31 May 1998 09:34:54 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcasa.cu>
To: <qrp-1@Lehigh.EDU>
Subject: [12105] RE: 50 mHz wide open for QRP NOW !
Message-ID: <01bd8c90\$83e76080\$LocalHost@luis>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI GANG !

6 is wide open to the States at this moment...

Being heard on SSB by US stations while running 3 watts QRP into wire antenna

Arnie Coro C02KK

Date: Sun, 31 May 1998 14:20:17 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-1@lehigh.edu

Subject: [12106] SOLAR: THANK YOU!!
Message-ID: <19980531142017.BBPV22548@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

With a dozen or so good leads plus some great advice... I'm indebted to the folks and the list yet once again. I'll post some of the stuff in sort of a digest soon and if all goes well, we'll have pictures of F.D. on our C.A.R.A. web site. (below)
Thanks again

72/73

-s-

Seab Lyon, AA1MY, Beacon, NY, USA
ARRL; QCWA; ACRI# 9253; QRP-L#574;
NEQRP# 511; Pres., C.A.R.A.:
<http://www.danbury.org/org/cara/>

Date: Sun, 31 May 1998 09:14:41 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@Lehigh.EDU>
Subject: [12107] Re:QRPp
Message-ID: <Pine.SOL.3.91.980531091010.12353D-100000@gpfn1.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My experience with NorCal & Jim has been a very positive and enjoyable one...while waiting for a set of the NorCal paddles to arrive, the Canadian Post Office workers went on strike....Jim went to extraordinary lengths to do what he could to get the paddles to me...I'd bet this is one that just fell through the cracks so have patience as this is a fine group of VOLUNTEERS who try their best all the time but are human, just like the rest of us...72 - Bruce(VE5RC)

Date: Sun, 31 May 1998 09:07:09 -0600
From: w0yse@juno.com (Neil Klagge)
To: qrp-l@Lehigh.EDU
Subject: [12108] 40m dx on 2 watts!! WOW....
Message-ID: <19980531.091819.3182.1.w0yse@juno.com>

I've read about it but finally experienced it on 40 meters this morning

with a new antenna (R7000 vert. at 25 ft.) and a QRP EXPLORER II.

This morning (Sun.) about 5:45 thru 6:45 the following countries were worked during the CQ WW WPX contest.

TI1C COSTA RICA

ZM1A NEW ZEALAND

WL7E ALASKA

KH7R HONOLULU COUNTY, HI

VK5GN AUSTRALIA

and five stations in Japan!!! And all at a power of about 2 watts!!

This is better than fly fishing.

NEVER, NEVER, NEVER GIVE UP.

---72/73's

Neil, w0yse since '54

now from Layton, Utah

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 May 1998 11:24:30 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [12109] DX CALLS/QSL
Message-ID: <54416f66.35717630@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

PREFIXES: I sent out a query last week about QSL prefixes and got several responses. Many referenced ARRL publications including the handbook. The problem was that many of these are generic i.e. RUSSIA vs the particular states. I assume that generic is the best it gets.

ADDRESSES: I often get QSL DIRECT vs via burro. Go to WEBMASTER to get a NOT FOUND. There are about 20+ sites, all of which I found have varying CALL information sites. Unfortunately there is no one area to go to and there are some I have not even found a source for (FRANCE, SWITZERLAND). If you go via burro they handle all that especially if you use ARRL. If you go direct it

appears you are in deep doo doo.

Have I not looked enough on the web or is this a common problem?
Thanks...Alan KB7MBI

Date: Sun, 31 May 1998 11:36:07 -0400
From: jim nestor <nestoji@home.com>
To: qrp-1@Lehigh.EDU
Subject: [12110] DJ-S11 antenna mod?
Message-ID: <19980531154027.AAA22607@cc652944-a.ewndsr1.nj.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just bought one of the little Alinco HTs for \$88. I remember seeing a posting about a mod to add an external antenna to the HT. Can somebody send me the URL?

72,

Jim, WK8G/2
nestoji@home.com

Date: Sun, 31 May 1998 10:47:11
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [12111] CW *test*
Message-ID: <3.0.3.16.19980531104711.22d7adb2@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, earlier this week I move back to my summer QTH up on the hill and put up the G5RV, made a few Q's to see if it still worked.

I turn the radio on this weekend and its a major contest, with wall to wall "CQ test" at about 100 wpm, bummer.

Last night turned the radio on again and contest still going strong. Okay, thier going a little slower now, or I'm getting a little beter and I can pick out calls and figure out the exchange. Wait a minute, there's a lot of DX stations calling.

So, what the heck, I jump in and in a few hours have 10 DX stations.
Germany, Poland, Belgium, Lithuania, Russia, England, Chechoslovakia.

This is 40 meters, 4.8 watts to the G5RV. Most DX I've ever worked on 40
and all in one night. These contests are good for something...

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sun, 31 May 1998 09:53:26 -0600
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [12112] Audio/intercom wiring???
Message-ID: <00f101bd8cac\$617a23e0\$8ea8a3cc@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry if off the subject but...you folks seem to have all the answers or at
least goo advice. (it's short)

I'm in the new home construction phase right now...I'll have a hole in the
ground next week and I'm starting to think about what wiring I want to pull
through the place. Wife wants (music)speakers and even an intercom (in every
room!). But I don't care for the ready made (Nutones) or some of other
builtins I've seen. The speaker systems are OK . Should I pull wire to a
utility room ...where I can setup a good reciever to feed the entire house?
And have indivdiul room controls. But then the question of the intercom
remains? Are there any good quality intercoms out there. What about
shielding...wire type? Also for a LAN circuit...what is recommended now
days??

72...Steve

n0tu - solar powered QRP & wire antennas @ 7,200' ASL
Monument,Colorado - Grid Sq DM79nb
homepage: <http://www.webaccess.net/~S&P/HRindex.htm>
email: n0tu@webaccess.net

Date: Sun, 31 May 1998 09:23:10 -0700 (MST)
From: Jeff Johnson <jeff@dcsoftware.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@lehigh.edu>
Subject: [12113] Call Signs
Message-ID: <3.0.32.19980531090805.00950890@dcsoftware.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a question about international call signs. Most call signs conform to a "CCNCCC" format where "C" is a letter and "N" is a number. There can be different number of "C"'s depending on license class. I would like to know what happens when there are numbers where the "C"'s should be. For example: Greece is "J4A" in the Handbook. What do their call signs look like?

Thanks in advance for the help.

Jeff Johnson
KJ7LO
jeff@dcsoftware.com

Date: Sun, 31 May 1998 11:15:21 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: jeff@dcsoftware.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [12114] Re: Call Signs
Message-ID: <35718219.DE206186@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Back in the early 50's when I was in Greece as a tech rep, I operated SV0WB in the Tamion Building in Athens. At that time all the calls were structured like that. All the Greek stations that I have worked since have been SV-something or other. Lots of confusing calls out there these days. I have been unable to find out anything about all the S51, etc prefixes, for example.

--
72/73, George
Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Jeff Johnson wrote:

>

> I have a question about international call signs. Most call signs

Date: Sun, 31 May 1998 13:23:53 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: Tracy@bytemark.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12115] Re: Amidon Assortment Kits
Message-ID: <35719229.C169F92E@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tracy wrote:

> This is a Request For Comment. Replies to this RFC should be addressed to
> tracy@bytemark.com, with the subject line RE: Amidon Assortment Kits. (Simply
> reply to this message.)
>

(snip)

> We would like to expand this line of kits to include more targeted assortments.
> Do you find yourself ordering the same basic bag of parts when you order
> toroids or beads? If you have suggestions for logical assortments or specific
> bundles, please let us know. We will take the most popular suggestions and
> offer them as new additions to the assortment line.
>

> (snip)

> Any assistance offered in this area will be most appreciated and will benefit
> the experimenter / builder community as a whole by allowing Amidon, as a long
> standing provider of inductive components, to more precisely serve your needs.

(snip)

Just an idea:

Why not make a kit by frequency (permeability) and not by material alone

For instance, it can contain mixed Ferrite 43 and 61 material along with Iron powder 2, 7 and 6; for HF; and a separate kit with Ferrite 68, 63, 67, etc and Iron 1, 4, 0, etc for higher frequencies, with a few beads to match. FT 77, 72, etc and T 3, 26, 15, etc. for lower freqs. and so forth

Of course, the present kits include a few cores rarely used and hard to sell and it is understandable; but OTOH this idea would be more attractive from the buyer stand point since we will give actual use to most of the material instead of having it dormant on a shelf.

Also, I have no idea of the cost of the nice plastic box, but at least in my case, I wouldn't mind a bit to receive the cores in a padded envelope.

72 es 73
Hugo
CX9AAK/W2

Date: Sun, 31 May 1998 17:47:06 +0100
From: wd3p@juno.com (Larry Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [12116] "George T. Baker" <w5yr@swbell.net>: Re: Call Signs
Message-ID: <19980531.174707.4654.0.wd3p@juno.com>

The ARRL has a little booklet - "The ARRL DXCC Countries List" out which has all the callsign assignments in it. I believe they even keep a list on their website, but have never checked. You do have to keep up to date on the list as assignments do change. The paper booklet cost me all of \$2 back in 94.

The better logging programs and the major contest software also identify the countries. If you are going to work the DX, and not many don't, get a copy of one of the lists. It will save a lot of questions. The ARRL booklet also has the information on the DXCC rules, QSL buro's, what counties are served by the buro, and other useful information. These lists and programs come in very useful for contests - especially the WPX where it seems every imaginable callsign shows up just to confuse

everyone.

The S5 group is Slovenia.

73 de Larry.....WD3P

----- Begin forwarded message -----

From: "George T. Baker" <w5yr@swbell.net>

Lots of confusing calls out there these days. I have been unable to find out anything about all the S51, etc prefixes, for example.

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 May 1998 13:09:34 -0500

From: "Gary E. Meyers" <gmeyers@dialnet.net>

To: qrp-l@Lehigh.EDU

Subject: [12117] Re: Call Signs

Message-ID: <199805311809.NAA24569@mail.dialnet.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Likely the confusion isn't one sided. Some of the call signs issued here today make no sense to me at all. Those across the pond can no longer determine where we Americans are located by our call signs. It used to be simple...i.e., K1, K2, K3, ETC. then it jumped to W1, W2, W3, ETC. Then WA1, WA2, WA3, etc. You get the idea... The reason was because the FCC ran out of call signs in those particular blocks and had to come up with another series. I'm sure other countries have growing pains as well.

Just my input!

Gary, KY0B

At 11:15 AM 5/31/98 -0500, you wrote:

>Back in the early 50's when I was in Greece as a tech rep, I operated
>SV0WB in the Tamion Building in Athens. At that time all the calls were
>structured like that.

Date: Sun, 31 May 1998 14:29:57 -0400
From: "Don McKechnie" <donmck@erinet.com>
To: qrp-l@lehigh.edu
Subject: [12118] Re: Call Signs
Message-ID: <199805311833.0AA07897@erinet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Date: Sun, 31 May 1998 09:23:10 -0700 (MST)
> Reply-to: jeff@dcsoftware.com
> From: Jeff Johnson <jeff@dcsoftware.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: Call Signs
> X-To: "qrp-l@Lehigh.EDU" <qrp-l@lehigh.edu>

> I have a question about international call signs. Most call signs conform
> to a "CCNCCC" format where "C" is a letter and "N" is a number. There can
> be different number of "C"'s depending on license class. I would like to
> know what happens when there are numbers where the "C"'s should be. For
> example: Greece is "J4A" in the Handbook. What do their call signs look
> like?

>
> Thanks in advance for the help.

>
> Jeff Johnson
> KJ7LO
> jeff@dcsoftware.com

>
>
>

Hi,

In the back of the ARRL log book are many forms of the international assignments of calls. The ARRL Operating Manual has ways of listing countries also. Many countries have ncnc etc. One list may not have all formats. There's the rub! When I had the same question, the answer I got was to look through the several sources and the way they list the calls by prefix or country.

72/73 de Don
W8IZZ

Date: Sun, 31 May 1998 18:02:48
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@Lehigh.EDU>
Subject: [12119] International Callsigns
Message-ID: <199805311903.0AA20879@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Jeff KJ7L0 recently asked about callsigns.....

Here's what I think I know about the subject, FYI and FWIW....

Callsigns are assigned by international agreement, and I believe the ITU is the admin agency. Allocations are in three character groups where the characters are letters or numbers, for instance waa-wzz and w00-w99, and 200-299 and 2aa-2zz. I'm not sure whether the letters precede or follow the numbers in collating sequence, but I think that they precede. The allocation looks like w00-wzz for all the w combinations.

Some blocks are not assigned by international agreement, such as the Q block. There are others.

All callsigns must therefore be three characters in length minimum, where the characters may be any letters or numbers which lie in the assigned block. For instance the USA is assigned all of the W N and K blocks, so we see calls like WOR WXYZ N5TT KA5FOX W4C WXX486 and so forth. Some other exclusively assigned blocks are:

B	China
F	France
G	UK
I	Italy
M	UK

You get the picture.... But as a famous Texas QRPer said....youall knew that....

The USA is also assigned part of the A block, specifically AL0-ALZ.
Some of the other A block assignments are:

AMA-AOZ	Spain
A4A-A4Z	Oman
A9A-A9Z	Bahrain

Some other familiar partially assigned blocks are:

L2A-L9Z Argentina
5TA-5TZ Mauritania
5WA-5WZ Western Samoa
6YA-6YZ Jamaica
9VA-9VZ Singapore

Within their assigned blocks the countries may assign any combination and length (3 or greater) of calls they choose and may organize their callsigns for their various services as they wish. There may be international agreements that pertain to the form of some of the calls, but I don't know about this.... The min length of 3 may not apply if the country has exclusive assignment of a block...I don't know....It certainly would not be ambiguous for some USA station to have the callsign of K or N or WZ...but I'm am not sure of the actual international regs on this point

So when you hear a callsign like L50V and want to know what country it is, you look up the block that contains L50 and see to whom it is assigned.

You can be fooled by callsigns if you are not familiar with the assignments. For instance we are very used to hearing Canadian calls of VE and VA. However, Canada also has the following assignments in addition to VAA-VGZ and VOA-VOZ:

CFA-CKZ
CYA-CZZ
VXA-VYZ
XJA-XOZ

and perhaps others that I have missed....

Remember, these are not just amateur callsigns, but callsigns for all radio (and other like) services. Radio, TV, Airplanes, etc etc etc.....

Ah you say... but where do I look this up????? Well the 97 ARRL Handbook has a listing on page 30.46, although it is not complete. Too bad they don't put the whole nine yards in there. The old Radio Amateurs World Atlas used to have the table on the back cover.

I have never found a source that clearly shows the relationship between the

numbers
and letters in the exclusively assigned blocks.

I once attempted to look up the authoritative source document at the ITU web page
but
got lost looking and never persued it to conclusion.....It's probably
there.....Left as an
exercise for the web wizards....try www.itu.ch for starters....

I once wrote a basic program to very quickly return the country of call assignment
given
any arbitrary character string of letters and numbers....It was fun and useful,
but not
necessarily totally accurate because of the lack of a complete accurate source for
the assignments.....The program has since been lost in antiquity (from a PC
lifetime
point of view).....

Hope this helps.....

Larry KA5T

Georgetown, Texas
lewise@inetport.com

Date: Sun, 31 May 1998 13:49:12 -0400
From: kt3a@juno.com (Cameron C.R. Bailey)
To: n0tu@webaccess.net
Cc: qrp-1@Lehigh.EDU
Subject: [12120] Re: Audio/intercom wiring???
Message-ID: <19980531.152828.9582.10.kt3a@juno.com>

I put in conduits to boxes which can be accessed from the attic
for the second floor and accessed from the basement for the
first floor. I then have a 4 inch conduit between the attic and
basement. I also have conduits going from the attic to the
outside. I have a patch panel I built into the wall that is about
2 feet square. I did not have much time to think what kind of

wire to run where. Now, I can run phone, CCTV, CAT 5 or even FO to anywhere in the house in minutes. Flexibility is the key. A ground system should be planned too.

Cameron C.R. Bailey
Mount Wolf, Pennsylvania
kt3a@juno.com

You don't need to buy Internet access to use free Internet e-mail.
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 May 1998 15:39:51 +0000
From: "Benjamin F. Poinsett" <benmail@erols.com>
To: wbcapps@mindspring.com
Cc: benmail@erols.com, hugo@banet.net, qrp-1@Lehigh.EDU
Subject: [12121] Re: B&W 3007
Message-ID: <357179C5.7EA5@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear Bill,

I found the dimensions of the B&W 3007 coil stock
It is: Coil Diameter - 5/8 inch
Turns/Inch - 16
Length in Inches - 2
Wire Size - 20
Inductance - Approximately 4.9 microhenries

Hope this information helps you. The source was:
"ARRL electronics data book," by Doug DeMaw dated 1976.

Good luck - 72 & 73,
Ben Poinsett, K3BP

Date: Sun, 31 May 1998 16:47:54 edt
From: wb8ygg@juno.com (Bradley S. Mitchell)
To: qrp-1@lehigh.edu
Subject: [12122] Roy Lewallen's e-mail adr?

Message-ID: <19980531.164759.5199.0.wb8ygg@juno.com>

Anybody have Roy's e-mail?

He mentioned to me at Dayton that he knows of a person who has Tektronix Manuals.. now that my 466 died, I need one..

73

Bradley S. Mitchell WB8YGG

Norcal #346 GQRP #9701

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
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Date: Sun, 31 May 1998 13:55:03 -0700 (PDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [12123] Coax dipole questions
Message-ID: <199805312055.NAA05265@netcom20.netcom.com>

Has anyone here successfully made an dipole by peeling the outer shield of the appropriate length of coax back on itself? If so, any hints on how to make it happen? My experiments so far have been failures. I'm beginning to think that I'll have to cut the braid loose, slide it back, and solder it together again.

I'm looking for a light flexible antenna to be pulled up into the rigging of a replica of an 18th century frigate, for a two week trip and grounding will be problematical. I'm going to take the pieces for an W3EDP, but think that simple coax-fed units for 30M and 20M would also be useful.

73, doug

Date: Sun, 31 May 1998 17:02:16 -0400
From: "Bill NT1R" <wlegge1@maine.rr.com>
To: <tentec@contesting.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [12124] FS: TT 252G Power Supply \$65. shipped

Content-Transfer-Encoding: 7bit

The subject line says it all. P/S is 18amp , 20 amp peak amd very clean with manual. 73 Bill, NT1R

Content-Type: TEXT/PLAIN; charset=US-ASCII

>

The person to contact for Tektronix manuals is Deane Kidd, who can be reached at (503) 625-7363.

[illegible]

Technical Editor,
QRP Quarterly
QRP ARCI 9464

c__; c__; '-..'>._

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Sun, 31 May 98 17:39:22 PDT
From: "Robert Roach" <KE4QOK@worldnet.att.net>
To: faunt@netcom.com
Cc: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [12126] Re: Coax dipole questions
Message-ID: <MAPI.Id.0016.004534514f4b20203030303630303036@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: quoted-printable

Hi Doug,

What band did you have in mind. I have made a couple of these for 2M and= they work great. There are a couple of "tricks" of the trade. First = if you want something longer than 2M antenna it will probably require = two people who work together well under duress<GGG> If you have played = with the braid very much you know that if you push in on the end, the tub= e of braid gets shorter and fatter. This means that when you run it down= over the outside of the vinyl sheath it will be fatter and therefore shor= ter than the length you stripped out. For a long antenna I would suggest= making a few short trials and calculating the percent of length loss whe= n the shield is rolled back over the sheath and then add a good bit for = error. Once you have rolled the shield back and don't have enough it is = nearly impossible to undo and redo.

It is advisable to wear gloves when working with copper braid since coppe= r can be very painful when it gets lodged under the skin.

When you have a liberal (with regard to your calculation) amount of vinyl= sheath removed, push the end of the braid back an inch or two. Don't = try to roll it over its self at this point. Just try to increase the dia= meter all the way back. Then place your hand around the shield about thr= ee inches from the vinyl sheath and gently pull back toward the sheath. = What should happen (ideally) is that the braid, where it comes out from = under the vinyl will make a 180 degree turn back down over the vinyl and= another turn 180 degrees back over its self and through your hand. Now = all you have to do is to continue sliding it over its self. It's kind =

of like unpeeling a banana. On a long antenna this is the part that takes two people. While you're "unpeeling the banana" the other guy has to keep the braid puffed up big enough to slide over its self without snagging on anything.

Once you finish this part have a cold beer, you've earned it. Then run your hand from the center to the end over the braid to reduce the diameter and tighten it over the cable. Then measure and trim the length.

I always tell myself that I am going to put a piece of heat shrink tube over the braid to dress things up a bit but I never do it. I would put a little bit of tape or something at the end of the braid to hold it in place and keep things neat.

73 de KE4QOK
Bob

>
> Has anyone here successfully made an dipole by peeling the outer
> shield of the appropriate length of coax back on itself? If so, any
> hints on how to make it happen? My experiments so far have been failures.
> I'm beginning to think that I'll have to cut the braid loose, slide it
> back, and solder it together again.

Date: Sun, 31 May 1998 14:40:44 -0700
From: "Earl S. Mead" <k6esmead@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [12127] HW-8 & Pwr sup
Message-ID: <3571CE5C.48DD877E@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All:
For sale:
HW-8 transceiver and HWA-7-1 ps.
W2AU Balun (Big Signal) w/lightning arrestor
Call Ed De Lapp @ 916-966-4714 (daytime)(near Sacramento, CA) for
information.
--
73s, CUL, Earl, K6ESM

Date: Sun, 31 May 1998 14:48:33 -0700 (PDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: KE4QOK@worldnet.att.net
Cc: qrp-l@lehigh.edu
Subject: [12128] Re: Coax dipole questions
Message-ID: <199805312148.0AA13302@netcom16.netcom.com>

Thanks. I'm going to try it for 20M and 30M. We'll be in blue water most of the time, since we're going NY, Bermuda, Savannah in two weeks.
73, doug

Date: Sun, 31 May 1998 18:00:23 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: jeff@dcsoftware.com
Cc: QRP-L@Lehigh.EDU
Subject: [12129] Re: Call Signs
Message-ID: <2.2.16.19980531175157.2f4f5070@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>to a "CCNCCC" format where "C" is a letter and "N" is a number. There can
>be different number of "C"'s depending on license class. I would like to
>know what happens when there are numbers where the "C"'s should be. For
>example: Greece is "J4A" in the Handbook. What do their call signs look
>
Actually Jeff, there are two parts to your question. The first is what do
callsigns look like and the second is what prefix assignments do countries use.

You are correct in stating that many callsigns follow some version of
character/number/character; but, not all of them. A more correct breakdown
would be prefix/suffix, where the prefix is determined by international
agreement and the suffix is internally chosen by some rule. If you look in
an ARRL's logbook or a Radio Amateurs Handbook, or one of the old paper
callbooks, you will find a chart of prefix assignments by country.

If you study the list for a moment you will see that most countries have
several prefix blocks assigned to them by international agreement. Greece,
for example may have an assignment at J4A - J4Z; but they also have an

assignment at SVA - SVZ. The United States has prefix assignments at AAA - ALZ, KAA - KZZ, NAA - NZZ, and WAA - WZZ. Within the US hams and others have callsigns assigned from all four of our prefix blocks. In Greece the ham calls are all from the SVA-SVZ block. The number of prefix blocks assigned to any particular country is probably related to its geographical size. Also, assignments can be revised at times, again by international agreement.

Another factor is the number in a callsign. Here in the US the number in an amateur's callsign was once directly related to the geographic location of his station; we have departed from that system though it is still very often the case for many hams. Some foreign countries use a system like we had. Greece, for example, uses numbers from 0 through 9 in their amateur callsigns to designate the geographic location of the station.

Not all prefixes are made of three letters or a letter/number/letter format; there are also those which follow the number/letter/number format, like Israel, that commonly uses a 4X4 or 4X6 as amateur prefixes. The resulting callsigns look like 4X4AA, or whatever.

Hope this helps you.

73

End of QRP-L Digest 1108

